

Title (en)
Fuel injector

Title (de)
Kraftstoffeinspritzventil

Title (fr)
Injecteur de combustible

Publication
EP 1036934 B1 20050413 (EN)

Application
EP 00102275 A 20000217

Priority
US 27153299 A 19990318

Abstract (en)
[origin: EP1036934A2] A fuel injector with a valve body having an inlet, an outlet, and an axially extending fuel passageway from the inlet to the outlet. An armature proximate the inlet of the valve body. A needle valve operatively connected to the armature. A valve seat proximate the outlet of said valve body. A fault tolerant structural connection between the valve seat and valve body that also provides a hermetic seal between the valve seat and valve body. <IMAGE>

IPC 1-7
F02M 61/16; **F02M 51/06**; **F02M 61/18**

IPC 8 full level
F02M 51/06 (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP US)
F02M 51/0671 (2013.01 - EP US); **F02M 61/162** (2013.01 - EP US); **F02M 61/18** (2013.01 - EP US); **F02M 61/1853** (2013.01 - EP US)

Cited by
EP1223336A1; DE102005059094A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1036934 A2 20000920; **EP 1036934 A3 20030709**; **EP 1036934 B1 20050413**; DE 60019360 D1 20050519; DE 60019360 T2 20060504; US 6279844 B1 20010828

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